

**Tronox Mine Sites R6/R9  
Highways 509 and 605  
Cibola and McKinley Counties, New Mexico  
Daily Report**



**Date:** September 9, 2015

**Team:**

Patrick Buster  
Yellow Jacket Drilling  
LaDonna Turner

**Health and Safety:**

1. Weston team safety topics included physical hazards including slips, trips, falls, and heavy haul truck traffic, and biological hazards.

**Activities Completed:**

1. Continued drilling activities at NKD-04. A total of 70 feet was drilled today (Total Depth 176 feet bgs) Site operations were shut down at 1500 due to running out of drilling water for a second time. Extremely cemented material was encountered and required significantly more water than normal, requiring two loads of water to be obtained.
  - a. 0 – 26 Feet – Alluvium – Silty Sand with sandstone fragments at depth.
  - b. 26 – 66 Feet – Sandstone – Gray/Light Gray and Yellowish Brown, medium to coarse grained grading to fine grained. No HCl reaction.
  - c. Conductor casing set from 0 – 28 feet.
  - d. 66 – 77 – Siltstone – Moderate gray, very fine grained, very dense.
  - e. 77 – 110 – Mancos Shale
  - f. 110 – 124 – Siltstone – dark gray, very fine grained, very dense.
  - g. 124 – 144 – Sandstone – gray, cemented, very fine grained.
  - h. 144 – 145 – Siltstone – dark gray to black, becoming mudstone, very dense.
  - i. 145 – 156 – Mudstone – dark gray to black, very hard, very dense, interbedded thin sands.
  - j. 156 – 176 – Siltstone – dark gray, very hard, very dense, mildly reacts with HCL.
2. All drilling equipment was secured and left at the drilling location.
3. Spoke with Doug Murray on-site. Doug confirmed that weekend drilling was OK and that Rob (Intera) would join us on-site on Friday.
4. Obtained an load of water to begin drilling tomorrow at 0700.

**Planned Activities for September 10, 2015:**

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1. Continue drilling NKD-04.

**Schedule:**

1. Demobilization day is next Thursday afternoon, 9/17.

**Open Items:**

1. (b) (6) requested that we sample three of her other wells.
2. Weston will need to need to coordinate sampling Rio Algom wells MW-35-9 and MW35-9. Due to miscommunication these wells were sampled ahead of the originally \proposed schedule. MW35-9 and MW35-9 are scheduled to be sampled again in November by Rio Algom. Weston will plan to collect groundwater samples at this time.